

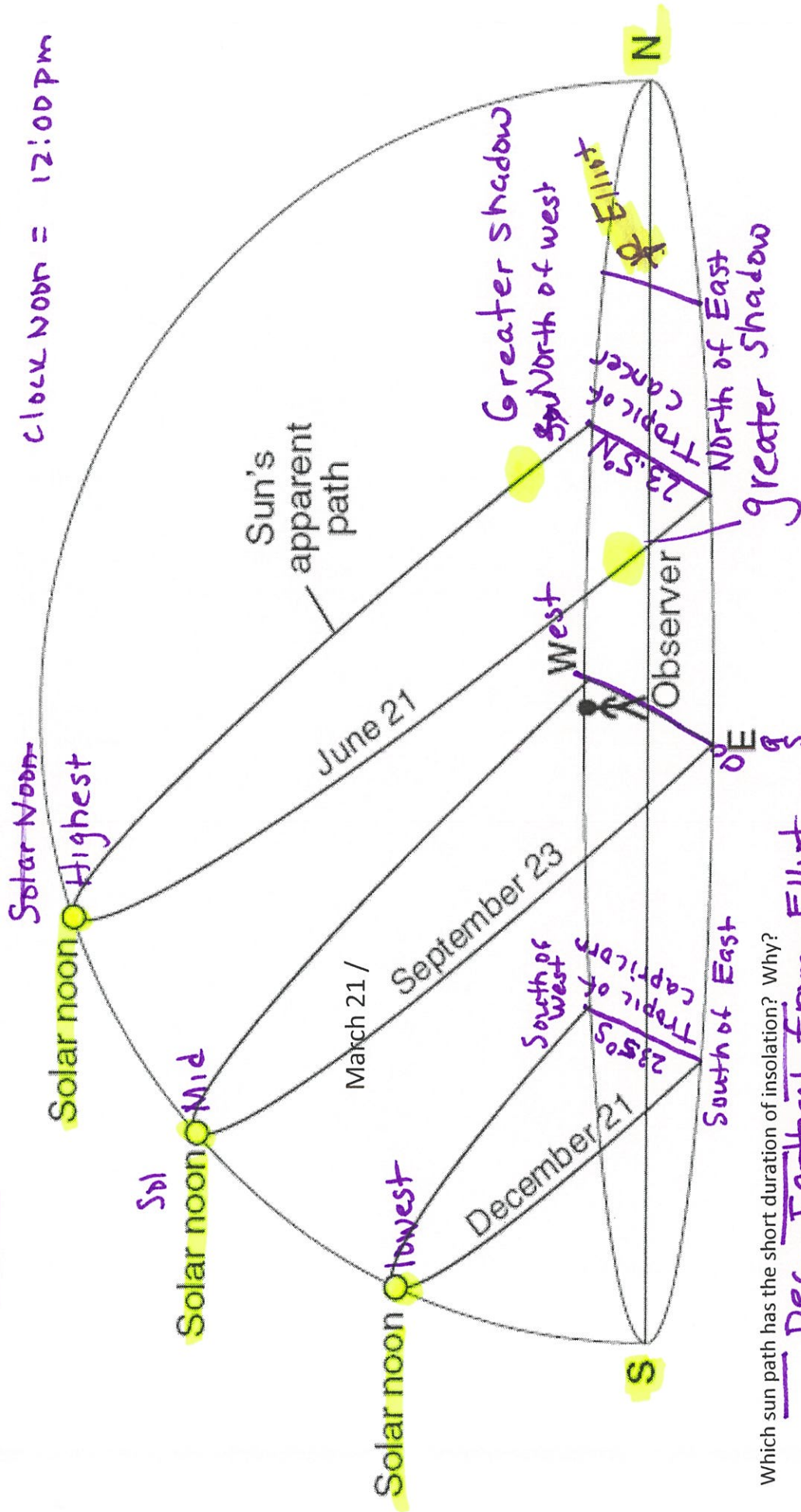
Celestial Sphere with Sun's Path in New York throughout the Year

Greatest shadow When the sun is at its lowest.

Solar Noon - Sun is at its highest point

clock noon = 12:00 PM

KNOW THIS DIAGRAM!



Which sun path has the short duration of insolation? Why?

Dec. Farthest from Elliot
During which path will the observer have the longest noontime shadow? Why?

Dec. Sun is lower in the sky.

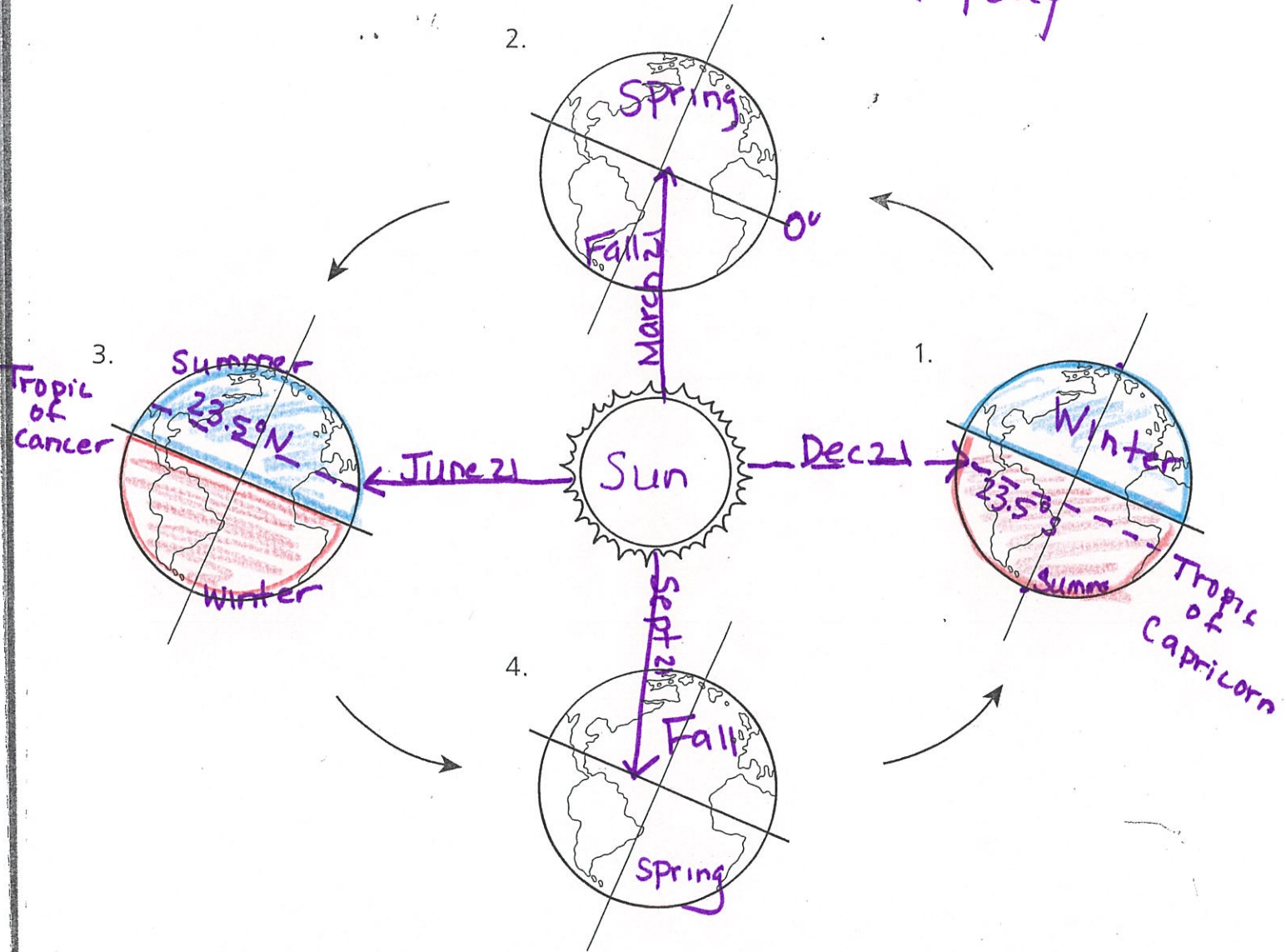
What is the latitude of this location? How do you know?

23.5° S.

Earth's Axis

Write the season in each hemisphere for each Earth.

365 days
1°/day



Earth	Season in Northern Hemisphere	Season in Southern Hemisphere
1.	Winter	Summer
2.	Spring	fall
3.	Summer	Winter
4.	fall	Spring